

Figure 1 displays 12 histograms arranged in a 6x2 grid, showing the distribution of the number of non-zero elements in the vector x for different values of n . The histograms are labeled as follows:

- Top row (left to right): $n=10$, $n=20$, $n=30$, $n=40$, $n=50$, $n=60$
- Second row (left to right): $n=70$, $n=80$, $n=90$, $n=100$, $n=110$, $n=120$

The x-axis for all histograms is 'Number of non-zero elements' and the y-axis is 'Frequency'. The distributions are roughly bell-shaped and centered around $n/2$. The frequency increases as n increases.

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(a) contacting said polypeptide with a compound suspected of having agonist or antagonist activity; and

(b) assaying for activity of said polypeptide.

22. A method for preventing, treating, or ameliorating a medical condition, comprising administering to a mammalian subject a therapeutically effective amount the polypeptide of claim 11.

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